BRUHAT BANGALORE MAHANAGARA PALIKE

Project : Improvements to footpaths on vidyaranyapura main road both sides from Nanjappa cirlce - Devi circle - GKVK road in ward no.09 in Vidyaranayapura Sub division.

TOTAL COST ABSTRACT OF ESTIMATE

Sl No.	PARTICULARS	Cost in Rs.
1	Cost towards Footpath Improvements (Part A)	13532317.37
2	Cost towards Electrification / Street Light (Part B)	6232246.00
3	Cost towards Preparation of DPR LS	100000.00
4	Cost towards PMC / Third Party inspection LS	135324.00
	Sub Total	19999887.37
5	Miscellneous and rounding off	112.63
	Total Rs.	20000000.00

Assistant Engineer

Assistant Executive Engineer

Executive Engineer

Executive Engineer 10/4
Project Division
Yelahanka Zone
Bangalore

Administrative Approval
Accorded For Rs. 200.00 lakhs
Head of A/C P-3089
CER NO :44/17-18 Dt:8/9/17

E.E. (Project) 8/9

Technical Sanction
Accorded For 200.00 Lakhs.
Head of A/C P3089
CER NO :18 Dt:13/04/17

[TA] CE (YNK)

BRUHAT BANGALORE MAHANAGARA PALIKE

Project: Improvements to footpaths on vidyaranyapura main road both sides from Nanjappa cirlce - Devi circle - GKVK road in ward no.09 in Vidyaranayapura Sub division.

Sl. No.	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity	Rate in Rs.	Amount in Rs.
1	Removing B.S Slab of Drain and Stacking (P.No.25, I.No.5.32 of PW, P&IWTD SR 2016-17)								
	BS Slab Cover	Sqm							
	vidyaranyapura main road towards nanjappa circle								
	ch 0- ch 260 (Deepak sahakar bank ltd, NM builders and developers, Medplus)		2	260.00	1.20	--	624.00		
	ch 1620- ch 1660 (KRN complex, Benaka complex, Bank of India)		2	40.00	1.20	--	96.00		
	Ch 1660-1935 LHS (Shakthi sampath arcade, Shreya Innovatives, HDFC ATM)		1	275.00	1.20	--	330.00		
	Ch 1660-2010 LHS drain (Shakthi sampath arcade, Shreya Innovatives, HDFC ATM)		1	350.00	1.80	--	630.00		
	ch 1935-2010 (Jodidhar club, BJP office, Vijaya bank, Dwaraka convention hall)		2	75.00	1.20	--	180.00		
							1860.00	65.72	**122239.20**
2	Removing and Resetting of Footpath Slab (P.No.265, I.No.37.56 of PW, P&IWTD SR 2016-17)								
	Drain Cover	Sqm							
	vidyaranyapura main road towards nanjappa circle								
	Ch 260-1220 (Lake, Adyar Anand Bhavan hotel, BWAAB service station,)		2	48.00	1.80	--	172.80		
	ch 755-895 (Soukya hospital, Reliance trends,HDFC bank, SBI bank)		1	112.00	1.80	--	201.60		
	ch1220-1440 (Adishwar Electronics, BWSSB office, Adigas Hotel Canara bank ATM)		2	175.00	1.80	--	630.00		
	ch 1440-1620 (More Shopping mall, RR plaza, Hanuman swamy Heights, Axis bank, Benaka complex, ICICI bank)		2	145.00	1.50	--	435.00		
	ch 1660-1935 RHS (Muscle Forge gym, KPTSLV Durga Apartment, Jodidhar Club)		1	275.00	1.50	--	412.50		
							1679.10	132.50	**222480.75**
3	Removing and Resetting of Kerb Stones (P.No.265, I.No.37.57 of PW,P&IWTD S.R 2016-17)								
	For Kerb	m							
	ch0-2220		2	1500.00	--	--	3000.00		
							3000.00	65.72	**197160.00**
4	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 (P.No.142, I.No.19.1 of PW, P&IWTD SR 2016-17)								
	Desilt	Cum							
	vidyaranyapura main road towards nanjappa circle								

Sl. No.	Description of work	Unit	No.	Length	Breadth	Depth	Quantity	Rate in Rs.	Amount in Rs.
				m	m	m			
	ch 0- ch 260 (Deepak sahakar bank ltd, NM builders and developers, Medplus)		2	260.00	1.20	0.50	312.00		
	Ch 260-500 (Sangeetha Store, Adyar Anand Bhavan, Public Library)		2	240.00	1.80	0.50	432.00		
	Ch 500-755 (Karur Vaishya Bank, Euro Kids, Suvarna Mahothsava Ground)		2	255.00	1.80	0.50	459.00		
	ch 755-895 (Soukya hospital, Reliance trends,HDFC bank, SBI bank)		2	140.00	1.80	0.50	252.00		
	Ch 895-1220 (BWSSB Office, Park, Lake, Adishwar Electronics)		2	325.00	1.20	0.50	390.00		
	ch1220-1440 (Adishwar Electronics, BWSSB office, Adigas Hotel Canara bank ATM)		2	220.00	1.50	0.50	330.00		
	ch 1440-1620 (More Shopping mall, RR plaza, Hanuman swamy Heights, Axis bank, Benaka complex, ICICI bank)		2	180.00	1.50	0.50	270.00		
	ch 1620- ch 1660 (KRN complex, Benaka complex, Bank of India)		2	40.00	1.80	0.50	72.00		
	Ch 1660-1935 LHS (Shakthi sampath arcade, Shreya Innovatives, HDFC ATM)		1	275.00	1.2	0.50	165.00		
	ch 1660-1935 RHS (Muscle Forge gym, KPTSLV Durga Apartment, Jodidhar Club)		1	275.00	1.5	0.50	206.25		
	ch 1935-2010 (Jodidhar club, BJP office, Vijaya bank, Dwaraka convention hall)		2	75.00	1.2	0.50	90.00		
	New culvert		2	7.00	1.5	1.10	23.10		
	Shoulder Drain	2	64	2.00	0.40	0.30	30.72		
	For laying 40mm OD / 32mm ID HDPE		2	1700.00	0.25	0.30	255.00		
	For Soccer Drain		2	1060.00	0.30	0.30	190.80		
							3477.87	202.92	**705729.38**
5	KSRRB M200-6.1 Cutting of trees girth from 1800mm to 2700mm including cutting of trunks, branches and removal of stumps, roots stacking of serviceable materials with all lifts and up to a lead of 1000m and earth filling in the depressions / pit, complete as per specifications. MORTH Specification No. 201 (P.No.136, I.No.18.4 of PW,P&IWTD S.R 2016-17)								
	Hanuman Swamy Heights, ICICI bank, Shiva wines, I play learn school, SBI bank	Each	4	--	--	--	4.00		
							4.00	2337.30	**9349.20**
6	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto SO m. and lift upto 1.S m. including cost of all labour complete as per specifications. specification. No. KBS 2.9 (P.No.6, I.No.2.10 of PW,P&IWTD S.R 2016-17)								
	For Footpath widening portion	Cum	2.00	100.00	0.50	0.150	15.00		
							15.00	134.62	**2019.30**
7	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.2 of PW,P&IWTD S.R 2016-17)								
	Bed Concrete for Flagging	Cum							
	vidyaranyapura main road towards nanjappa circle								

Sl. No.	Description of work	Unit	No.	Length	Breadth	Depth	Quantity	Rate in Rs.	Amount in Rs.
				m	m	m			
	ch 0- ch 260 (Deepak sahakar bank ltd, NM builders and developers, Medplus)		2.00	260.00	0.20	0.10	10.40		
	ch 1620- ch 1660 (KRN complex, Benaka complex, Bank of India)		2.00	40.00	0.20	0.10	1.60		
	Ch 1660-1935 LHS (Shakthi sampath arcade, Shreya Innovatives, HDFC ATM)		1.00	275.00	0.20	0.10	5.50		
	ch 1935-2010 (Jodidhar club, BJP office, Vijaya bank, Dwaraka convention hall)		2.00	75.00	0.20	0.10	3.00		
	New culvert								
			2.00	7.00	1.50	0.15	3.15		
	Shoulder Drain	2	64.00	2.00	0.40	0.10	5.12		
	For Soccer Drain		2.00	1060.00	0.30	0.10	63.60		
							92.37	5348.76	**494064.96**
8	Providing and laying **reinforced cement concrete pipe NP2 of 250mm dia** for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour curing complete as per specifications. Specification No.KSRB 1000, 2300 MOST Specification No. 1000 / 2300 (Pg.No. 253, I.No. 34.7.2 of PW, P&IWTD SR 2015 - 16)								
		Rmt							
	Shoulder Drain	2	64	2.00	--	--	256.00	585.12	**149790.72**
9	KSRB 5.2-3: Providing and constructing granite size stone masonry in foundation cement mortor 1:6, stone hammered dressed in courses not less than 20cms high, bond stones at 2m. apart in each course including cost of materaials, labour, curing complete as per specifications. Specifcation No. KBS 5.1.13. (P.No.23, I.No.5.6 of PW, P&IWTD S.R 2016-17)								
	New culvert								
			2.00	7.00	0.45	0.90	5.67		
							5.67	4438.22	**25164.71**
10	Providing ruled pointing of coursed stone masonry with Cement mortar 1:3 20mm deep, after raking joints to depth of 20mm necely lining, including cost of materials, abour, HOm of machineries curing etc., complete as per specification and directions of the Engineer-in-charge ***(P-112, It.15.3)***								
	New culvert								
			2.00	7.00	--	0.90	12.60		
							12.60	103.88	**1308.89**
11	Providing and fixing **RCC Precast cover slab of 250mm thick** for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)								
	New culvert	Sqm	2.00	7.00	1.5	--	**21.00**	4723.00	**99183.00**
12	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 (P.No.25, I.No.5.26.2 of PW, P&IWTD SR 2016-17)								
	Flagging Course / Raising of BS Drain	Sqm							
	vidyaranyapura main road towards nanjappa circle								
	ch 0- ch 260 (Deepak sahakar bank ltd, NM builders and developers, Medplus)		2.00	260.00	0.30	--	156.00		
	ch 1620- ch 1660 (KRN complex, Benaka complex, Bank of India)		2.00	40.00	0.30	--	24.00		

Sl. No.	Description of work	Unit	No.	Length	Breadth	Depth	Quantity	Rate in Rs.	Amount in Rs.
				m	m	m			
	Ch 1660-1935 LHS (Shakthi sampath arcade, Shreya Innovatives, HDFC ATM)		1.00	275.00	0.30	--	82.50		
	ch 1935-2010 (Jodidhar club, BJP office, Vijaya bank, Dwaraka convention hall)		2.00	75.00	0.30	--	45.00		
	Steps (all cross roads)		20.00	2.00	0.30	--	12.00		
							319.50	961.42	**307173.69**
13	Providing 20mm thick cement plaster in singal coat with cement mortar 1:6,to stone masonary and conceret surface including rounding off coners wherever requried smooth rendering,providing and removing scaffolding, including cost of material, labour,curing complete as per specifications.[P.No-113, I-No-15.20]								
	Steps (all cross roads)	Sqm	20.00	2.00	0.40	--	16.00		
			40.00	0.40	0.15	--	2.40		
			20.00	2.00	0.15	--	6.00		
							24.40	220.48	**5379.71**
14	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.6 of PW,P&IWTD S.R 2016-17)								
	Coping	Cum							
	vidyaranyapura main road towards nanjappa circle								
	ch 0- ch 260 (Deepak sahakar bank ltd, NM builders and developers, Medplus)		2.00	260.00	0.20	0.075	7.80		
	ch 1620- ch 1660 (KRN complex, Benaka complex, Bank of India)		2.00	40.00	0.20	0.075	1.20		
	Ch 1660-1935 LHS (Shakthi sampath arcade, Shreya Innovatives, HDFC ATM)		1.00	275.00	0.20	0.075	4.13		
	ch 1935-2010 (Jodidhar club, BJP office,		2.00	75.00	0.20	0.075	2.25		
	Footpath								
	vidyaranyapura main road towards nanjappa circle								
	ch 0-260 LHS((Taberah Full Gospel Church, Medplus, BMK super Infotech Pvt ltd.)		1.00	260.00	0.70	0.150	27.30		
	Ch0-260 Rhs(Deepak Sahakar Bank ltd, NM builders and developers)		1.00	260.00	0.30	0.150	11.70		
	Ch 1660-1935 LHS (Shakthi sampath arcade, Shreya Innovatives, HDFC ATM)		1.00	275.00	0.70	0.150	28.88		
	ch 1660-1935 RHS (Muscle Forge gym, KPTSLV Durga Apartment, Jodidhar Club)		1.00	275.00	0.40	0.150	16.50		
	Ch 1935-2010 LHS(BDA property, Sindu wines)		1.00	75.00	1.80	0.150	20.25		
	Ch 1935-2010 RHS(Kiran Shelter,Sri Lakshmi Enterprises)		1.00	75.00	0.60	0.150	6.75		
	For Footpath widening portion		2.00	100.00	0.50	0.150	15.00		
	Around Shoulder Drain	2	64	2	0.40	0.40	40.96		
	deduct NP2 pipe	2	-64	2.00	0.07		-18.09		
	For Soccer Drain		2.00	1060.00	0.30	0.150	95.40		
							260.02	5767.46	**1499654.95**
15	Refixing stone.Slab of drain and pointing in CM(1:3) ***(P-25, It;5.33)***								
	Slabs available Qty Vide Item No.1						1860.00		
				Total Qty	Total		**1860.00**	80.56	**149841.60**

Sl. No.	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity	Rate in Rs.	Amount in Rs.
16	KSRB 5-9 : Providing chamfering edges to stone slab 2.5 cms. wide as per specifications, (only chamfered length shall be recorded) KBS 5.1.13 (P.No.24, I.No.5.22 of PW,P&IWTD SR 2016-17)								
	ch 0- ch 260 (Deepak sahakar bank ltd, NM builders and developers, Medplus)	m	2.00	433.00	3.60		3117.60		
	ch 1620- ch 1660 (KRN complex, Benaka complex, Bank of India)		2.00	67.00	3.60		482.40		
	Ch 1660-1935 LHS (Shakthi sampath arcade, Shreya Innovatives, HDFC ATM)		1.00	458.00	3.60		1648.80		
	ch 1935-2010 (Jodidhar club, BJP office, Vijaya bank, Dwaraka convention hall)		2.00	125.00	3.60		900.00		
							6148.80	37.10	**228120.48**
17	Providing One line dressing to granite stone slab/ granite stone masonry as per speciication *(P-23, It.5.17)*								
	vidyaranyapura main road towards nanjappa circle								
	ch 0- ch 260 (Deepak sahakar bank ltd, NM builders and developers, Medplus)		2.00	260.00	1.20		624.00		
	ch 1620- ch 1660 (KRN complex, Benaka complex, Bank of India)		2.00	40.00	1.20		96.00		
	Ch 1660-1935 LHS (Shakthi sampath arcade, Shreya Innovatives, HDFC ATM)		1.00	275.00	1.20		330.00		
	ch 1935-2010 (Jodidhar club, BJP office, Vijaya bank, Dwaraka convention hall)		2.00	75.00	1.20		180.00		
							1230.00	577.70	**710571.00**
18	KSRRB M200-13.1. Dismantling of existing structures like culverts, Bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceble material and stacking the serviceble material with all lifts complete as per specifications. II. By mechanical means, A. Cement concrete Grade M-15 & M-20 (P.No.136, I.No.18.20 of PW,P&IWTD SR 2016-17)						-		
	Ch 290-700 LHS(Public library, Bata showroom, Dominnos pizza)		1	205.00	2.20	0.100	45.10		
	Ch 505-1220 (Near Soukays hospital,BWSSB office, Beside 8th main RHS, Smiles Dental clinic)		1	250.00	2.00	0.150	75.00		
	approach to house	2	5	1.50	0.60	0.100	0.45		
							120.55	481.70	**58068.94**
19	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200mm including cost of all materials, labour complete as per specifications upto 3.50m from ground level . Specification No.KBS 4.6.2 (P.No.15, I.No.4.18 of PW,P&IWTD SR 2016-17)								
	Ch 290-700 LHS(Public library, Bata showroom, Dominnos pizza)	Sqm	1.00	205.00	2.20	--	451.00		
	Ch 505-1220 (Near Soukays hospital,BWSSB office, Beside 8th main RHS, Smiles Dental clinic)		1.00	250.00	2.00	--	500.00		
	approach to house	2	5	1.50	0.60	--	9.00		
							960.00	331.78	**318508.80**

Sl. No.	Description of work	Unit	No.	Length	Breadth	Depth	Quantity	Rate in Rs.	Amount in Rs.
				m	m	m			
20	Providing and laying cement concrete using 20mm and downsize granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for RCC works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, with all lead and lifts etc., complete (exclusive of cpost of steel and fabricaton charges) Ready Mixed Cement Concrete M 20 for Raft foundation, Column, Footing, main and secondary beams. (P.No.18, I.No.4.48 of PW, P&IWTD SR 2016-17)								
	Covering slab								
	Ch 290-700 LHS(Public library, Bata showroom, Dominnos pizza)		1.00	205.00	2.20	0.15	67.65		
	Ch 505-1220 (Near Soukays hospital,BWSSB office, Beside 8th main RHS, Smiles Dental clinic)		1.00	250.00	2.00	0.15	75.00		
	approach to house	2	5	1.50	0.60	0.15	2.25		
							144.90	6231.74	**902979.13**
21	KSRB - 4.9.2: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3. (P.No.17, I.No.4.46.2 of PW, P&IWTD SR 2016-17)								
	Consider 60Kgs/cum for item No. 20 only RCC Qty	Tonne		144.90	0.060	--	**8.69**	59413.00	**516536.62**
22	Providing and fixing **RCC Precast cover slab of 100mm thick** for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)								
	Cover Slab	Sqm							
	vidyaranyapura main road towards nanjappa circle								
	Missing slabs		1	225.00	1.20	--	270.00		
							270.00	1757.00	**474390.00**
23	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete (P.No.25, I.No.5.30 of PW,P&IWTD S.R 2016-17)								
	For Road Kerb	No.							
	Missing and damaged kerbs in vidyaranyapur main road At cross road junctions		2	510.00	--	/0.45	2267.00		
							2267.00	331.78	**752145.26**
24	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 (P.No.182, I.No. 24.1 of PW,P&IWTD SR 2016-17)								
	For Kerb Painting	Sqm	2	2010.00	--	0.35	1407.00		
							1407.00	63.60	**89485.20**
25	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick conforming to IS 1237 heavy-duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification.(P.No.109, I.No.14.62 of PW,P&IWTD S.R 2016-17)								
	vidyaranyapura main road towards nanjappa circle								
	ch 0-260 LHS((Taberah Full Gospel Church, Medplus, BMK super Infotech Pvt ltd.)		1	260	0.7	--	182.00		
	Ch0-260 Rhs(Deepak Sahakar Bank ltd, NM builders and developers)		1	260	0.30	--	78.00		
	Ch 260-1220		2	900.00	2.00	--	3600.00		

Sl. No.	Description of work	Unit	No.	Length	Breadth	Depth	Quantity	Rate in Rs.	Amount in Rs.
				m	m	m			
	Ch 1660-1935 LHS (Shakthi sampath arcade, Shreya Innovatives, HDFC ATM)		1.00	275.00	0.70	--	192.50		
	ch 1660-1935 RHS (Muscle Forge gym, KPTSLV Durga Apartment, Jodidhar Club)		1.00	275.00	0.40	--	110.00		
	Ch 1935-2010 LHS(BDA property, Sindu wines)		1.00	75.00	1.80	--	135.00		
	Ch 1935-2010 RHS(Kiran Shelter,Sri Lakshmi Enterprises)		1.00	75.00	0.60	--	45.00		
							4342.50	**1150.10**	**4994309.25**
26	KSRRB M300- Wrought iron and mild steel welded work KSRRB M300-18. Wrought iron and mild steel welded work (using angles, square bars, tees and channel grills, grating frames, gates and tree guards of any size and design etc. including cost of screens and welding rods or bolts and nuts complete fixed in position but without the cost of excavation and concrete for fixing which will be paid separately complete as per specifications. ***(P-152, It;19.97)***								
	18Kgs/piece	2.00	64.00			18.00	2304.00		
				Total Qty	Total		**23.04**	6711.92	**154642.64**
27	Supply and Laying double walled corrugated (DWC) HDPE Pipe including all necessary connecting Sockets / Couplings / TEES / Bends / End-caps of same materials in existing trench as per IS 14930 patr - II suitable for drawing underground cables. (Electrical SR)								
	40mm OD / 32mm ID	mtr	2.00	1745.00			3490.00	98.00	**342020.00**
								Total Construction Cost	**13532317.37**
28								**Cost towards Electrification**	**6232246.00**
29								**Cost towards Preparation of DPR LS**	**100000.00**
30								**Cost towards PMC / Third Party inspection LS**	**135324.00**
								Sub Total	**19999887.37**
31								**Miscellaneous and rounding off**	**112.63**
								Total	**20000000.00**

Certificate.

1 The workspot was inspected and work is found to be necessary.
2 The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3 The rates adopted based on the PWD SR, Bangalore circle for year 2016-17 and Electrical SR
4 The provisions made in the estimate are necessary and essential.

For Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

Executive Engineer

Executive Engineer 18/4/17
Project Division
Yelahanka Zone
Bangalore